Amendments to the Specification

Please amend the specification as follows:

On page 18, please delete the paragraph that starts on line 14 with the words "FIG. 7" and ends on line 30 with the words "area 120."

On page 19, please delete the paragraph that starts on line 1 with the words "Referring back" and ends on line 8 with the words "corner segments."

On pages 19-20, please replace the paragraph that starts on page 19, line 17 with the words "FIG. 7" and ends on page 20, line 6 with the words "same row" with the following amended paragraph:

FIG. 7 illustrates a schematic top view of a portion of a touch sensor 700 in accordance with a preferred embodiment of the invention. For simplicity and without loss of generality, some of the elements and components discussed in reference to other embodiments of the invention (such as electronics and interconnect lines) are not shown in FIG. 7. Touch sensor 700 includes a resistive film 110 that covers a touch sensitive area 120. Touch sensitive area 120 has a perimeter 130. Touch sensor 700 further includes a linearization pattern 740 disposed on resistive film 110. Linearization pattern 740 surrounds touch sensitive area 120. Linearization pattern 740 is a polygon and has multiple sides, with every two adjacent sides intersecting at a vertex. For example, sides 740A and 740B of linearization pattern 740 intersect at a vertex 705. Linearization pattern 740 includes multiple rows of discrete conductive segments. In particular, linearization pattern 740 includes a first row of discrete conductive segments 710, a second row of discrete conductive segments 720, a third row of discrete conductive segments 730, and a fourth row of discrete conductive segments 750. Each row of linearization pattern 740 includes multiple edges, with every two adjacent edges in a row intersecting at a row vertex. For example, adjacent edges 750-1 and 750-2 of row 750 intersect at vertex 705. Furthermore, each edge of each row includes one or more middle conductive segments disposed between two end conductive segments. For example, discrete conductive segment 751 is a middle conductive

segment in row 750, and discrete conductive segment 750A is an end conductive segment in the same row.